#2

### **PATENTS**

# IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of: JEN-HOUNE HANNSEN SU and ROBERT JOSEPH GALLANT

Attorney Docket No.: 82,593

Title: CONSTANT NATURAL FREQUENCY

PASSIVE-ACTIVE MOUNT



# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

### U.S. PATENT DOCUMENTS

MB CAB	Houghton, Jr. et al. U.S. Patent 6,209,841 B1 issued 03 Apr. 2001
1 _ /	Krysinsky et al. U.S. Patent 6,045,090 issued 04 Apr. 2000
	Rivin U.S. Patent 5,934,653 issued 10 Aug. 1999
_	Su U.S. Patent 5,899,443 issued 04 May 1999
- 1	Su U.S. Patent 5,887,858 issued 30 March 1999
	Lee et al. U.S. Patent 5,780,948 issued 14 July 1998
1 4	Lee et al. U.S. Patent 5,780,740 issued 14\ July 1998
1/	Rivin U.S. Patent 5,630,758 issued 20 May 1997
	Cheng et al. U.S. Patent 5,544,451 issued 13 Aug. 1996
	Leyshon U.S. Patent 5,016,862 issued 21 May 1991
	Hall et al. U.S. Patent 4,880,201 issued 14 Nov. 1989
1/	Lafferty U.S. Patent 4,619,467 issued 28 Oct. 1986
<u></u>	Shtarkman U.S. Patent 4,509,730 issued 09 April 1985
	Stone et al. U.S. Patent 4,452,329 issued 05 June 1984
	Barley U.S. Patent 4,384,701 issued 24 May 1983
	Madden U.S. Patent 4,218,187 issued 19 Aug. 1980
1 4	Leingang U.S. Patent 3,997,151 issued 14 Dec. 1976
MBCTB	Taylor U.S. Patent 3,947,004 issued 30 March 1976

EXAMINER SIGNATURE TOUT DATE CONSIDERED 10/16/02

Melody M. Burd 2/7/03

INFORMATION DISCLOSURE STATEMENT

NAVY CASE NO. 82,593

SHEET 1 OF 2

#### NON-PATENT DOCUMENTS

٠		
ng.	CTI	$\frac{b}{precision}$ Rivin, Eugene (Evgeny) I., "Vibration Isolation of Precision Equipment," $\frac{b}{precis}$ Precision Engineering, 1995, vol. 17, pp 41-56.
		Rivin, Eugene (Evgeny) I., "Shaped Elastomeric Components for Vibration Control Devices," Sound and Vibration, July 1999, Vol. 33, no. 7, pp 18-23
		Schmitt, Regis V. and Kerr, Matthew L., "A New Elastomeric Suspension Spring," Society of Automotive Engineers (SAE), Inc., SAE Paper No. 710058, Automotive Engineering Congress, Detroit, Michigan, January 11-15, 1971 (8 pages)
		Rivin, E.I., "Principles and Criteria of Vibration Isolation of Machinery,"  ASME Journal of Mechanical Design, Transactions of the ASME, Vol. 101, October 1979, pp 682-692
		Rivin, E.I., "Passive engine mounts Some Directions for Further Development," SAE 1985 Transactions, Society of Automotive Engineers (SAE), Inc., SAE Paper No. 850481, Section 3, Vol. 94, 1986, pp. 3.582-3.591
	#	$\sqrt{}$ Jen-Houne Hannsen Su et al, "Mechanisms of Localized Vibration Control in Complex Structures," Journal of Vibration and Acoustics, Jan. 1996, Vol. 118, pp 135-139
		Jen-Houne Hannsen Su, "Robust Pasive-Active Mounts for Machinery and Equipment," <i>Proceedings of DETC '97</i> , 1997 ASME Design Engineering Technical Conferences, September 14-17, 1997, Sacramento, California (nine pages)
1	CD	J.E. Ruzicka, "Fundamental Concepts of Vibration Control," Sound and $\overline{Vibrat}$ ion, July 1971, pp 16-23
		EXAMINER SIGNATURE <u>LTBJ</u> DATE CONSIDERED 10/16/02  Melody M. Burch  Respectfully submitted.
		Respectfully submitted,
		HOWARD KAISER TO/02/01
		Reg. No. 31,381 ATTORNEY FOR APPLICANT

Office of Counsel (Patents), Code 004 Naval Surface Warfare Center, Carderock Division 9500 MacArthur Blvd., West Bethesda, MD 20817-5700 phone (301) 227-1834 fax (301) 227-1968 02 October 2001